ABSTRACT OF THE DISCLOSURE

A network system for transceiving various wireless network signals comprises wireless network signal transceivers, a router, and a wire connection for coupling the router to the wireless network signal transceivers and the router to Internet respectively; wherein each of the wireless network signal transceivers is operable to receive wireless packet messages sent from one of a variety of electronic devices having a wireless network adapter with a unique wireless communication protocol installed therein, determines the wireless communication protocol by reading the received wireless packet messages, decodes the wireless packet messages based on the associated wireless communication protocol, converts the same into wire packet messages having formats acceptable to the wire connection, sends the wire packet messages to the Internet through the wire connection and the router for effecting an exchange of packet message, receives the wire packet messages from the Internet through the wire connection, performs a respective conversion and encoding on the wire packet messages based on encoding rules of a variety of wireless network communication protocols stored therein, and transmits sequentially the converted and the decoded wireless packet messages to the electronic devices. Hence, the network system can successfully effect a wireless exchange of packet message with any wireless network adapter incorporating one of wireless network communication protocols.